

FIG. 1

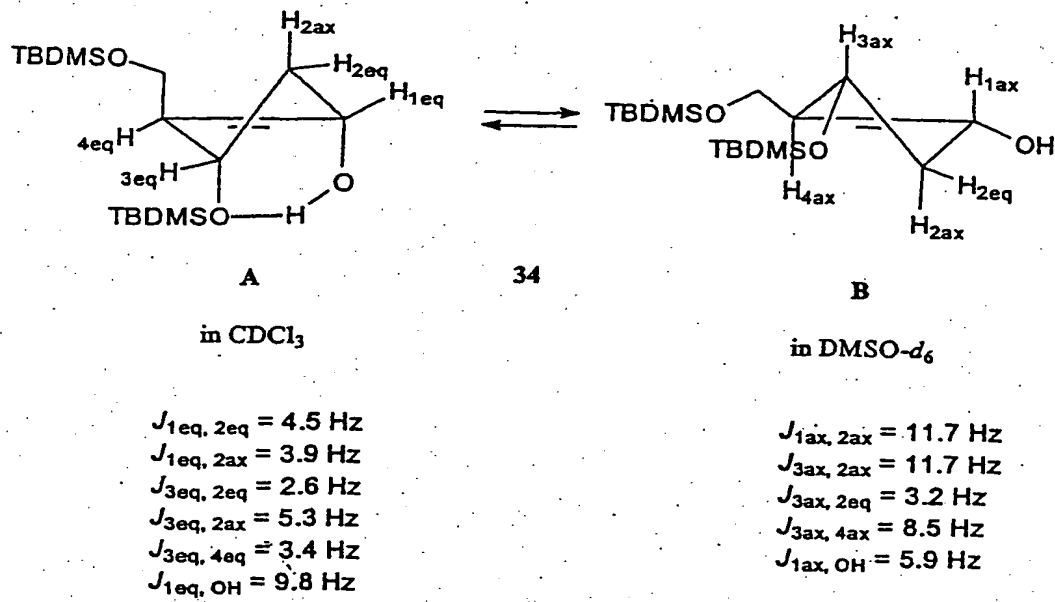


FIG. 2

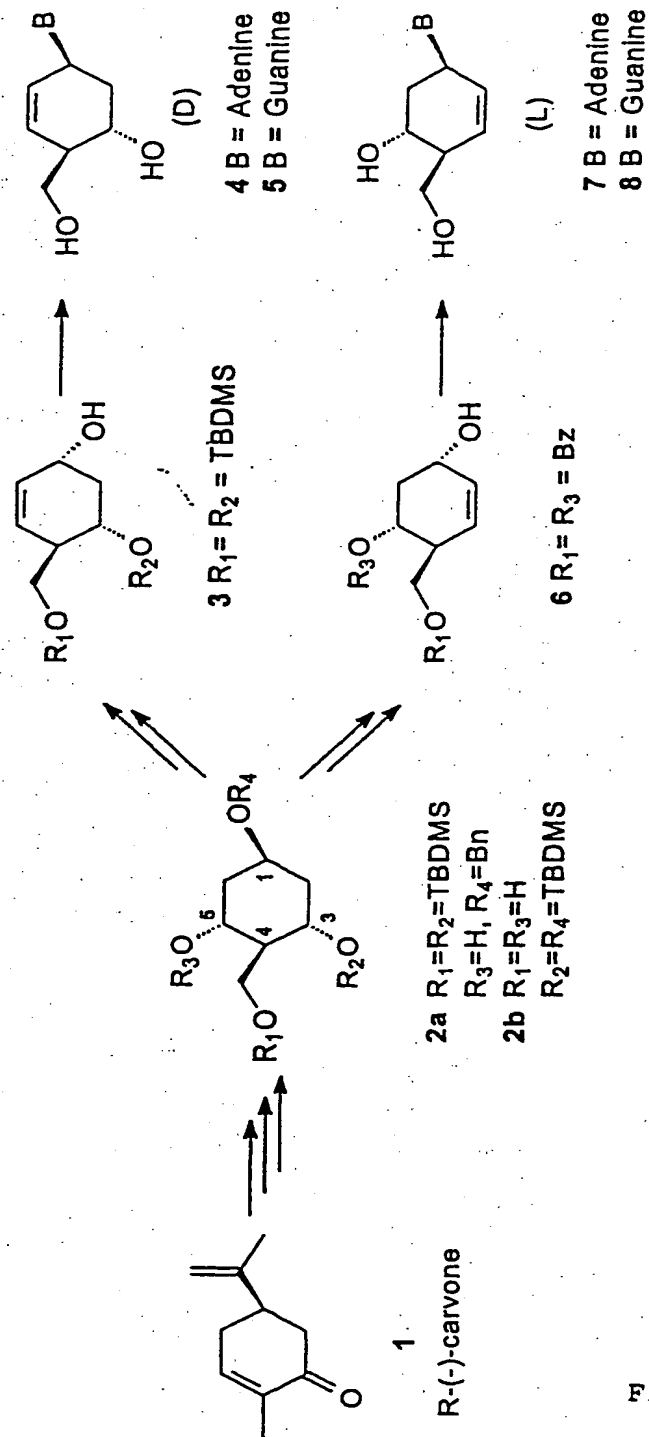


FIG. 3

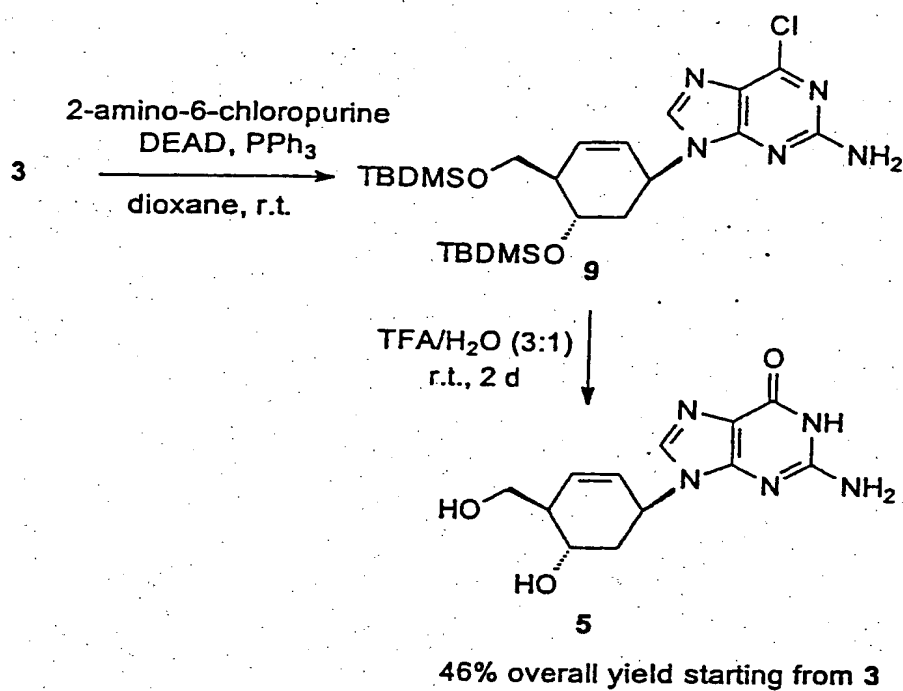
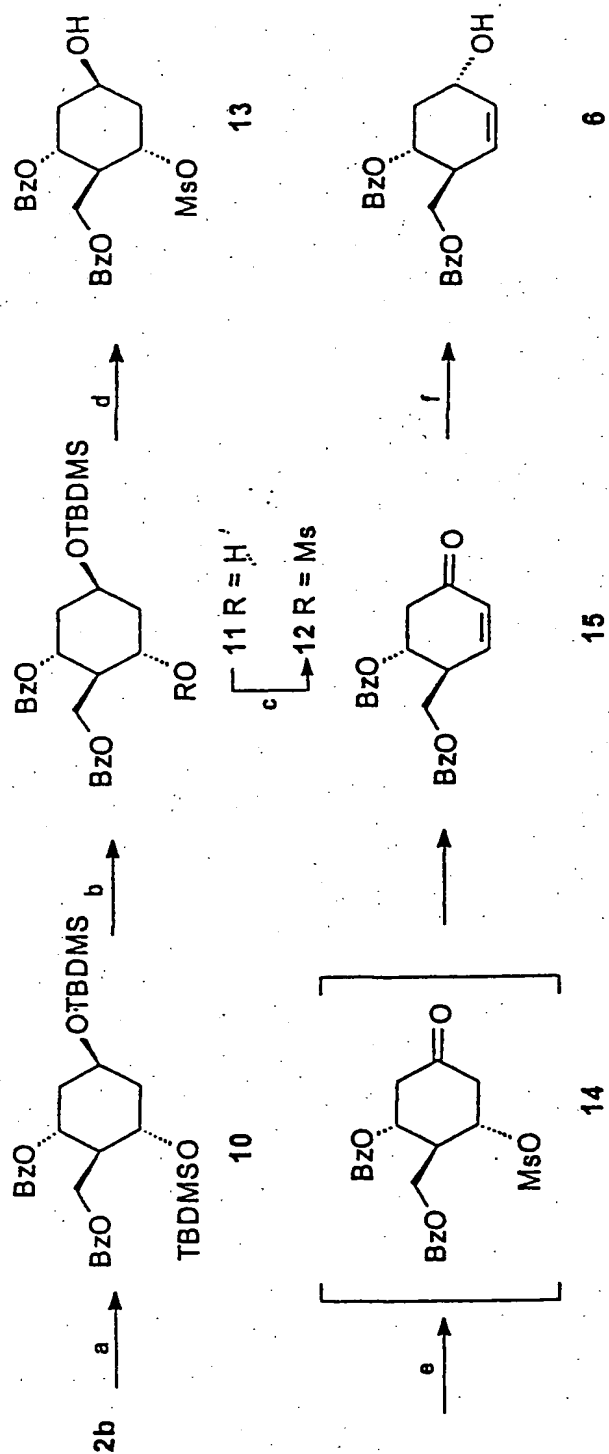


FIG. 4



a. Bz_2O , DMAP, CH_2Cl_2 , 0°C , 98%; b. TBAF (1eq), THF, r.t., 74%; c. MsCl , Et_3N , CH_2Cl_2 , 0°C , 98%; d. TBAF, THF, r.t., 86%; e. PDC, CH_2Cl_2 , r.t., 68%; f. NaBH_4 , $\text{CeCl}_3 \cdot 7\text{H}_2\text{O}$, MeOH, r.t., 75%.

FIG. 5

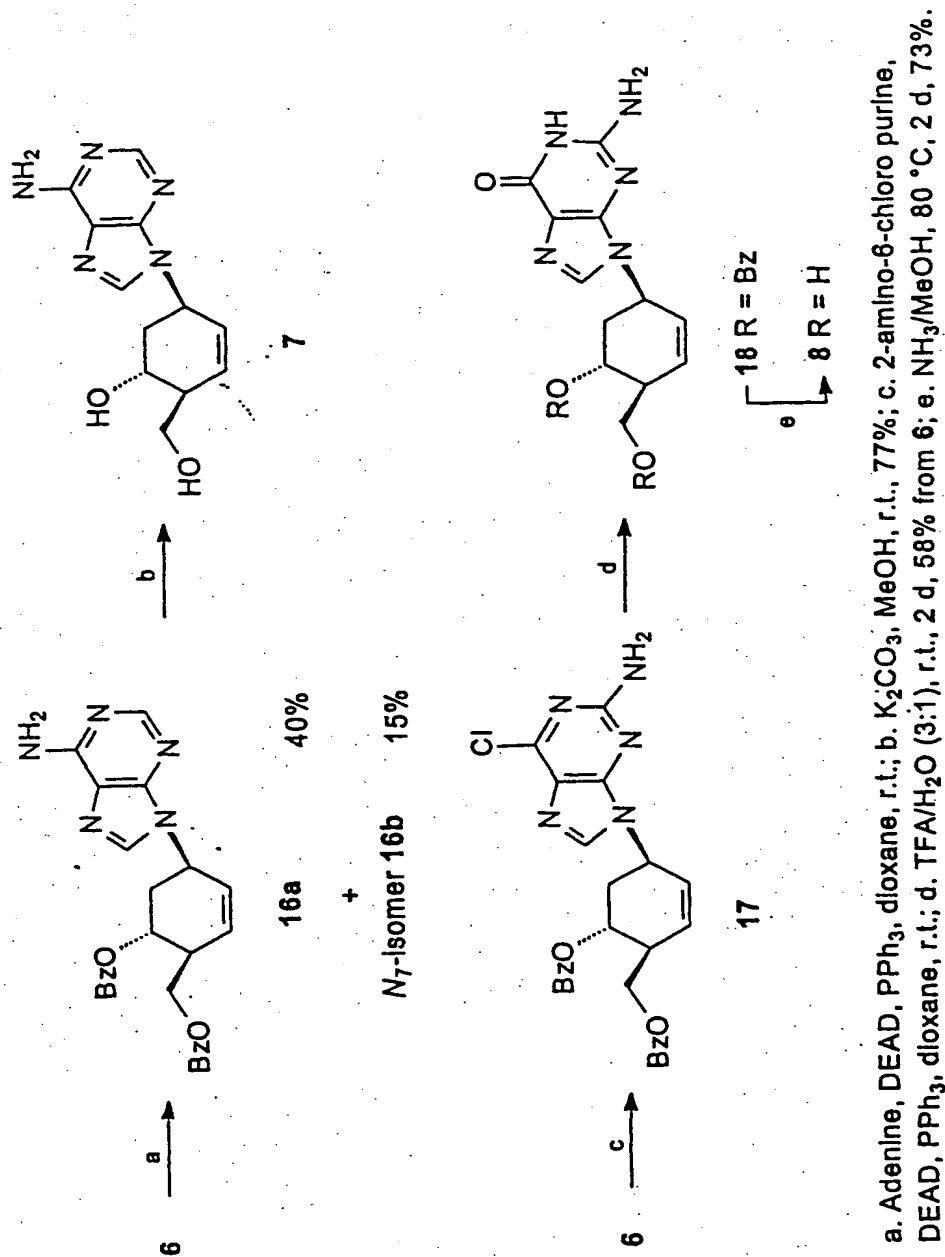


FIG. 6

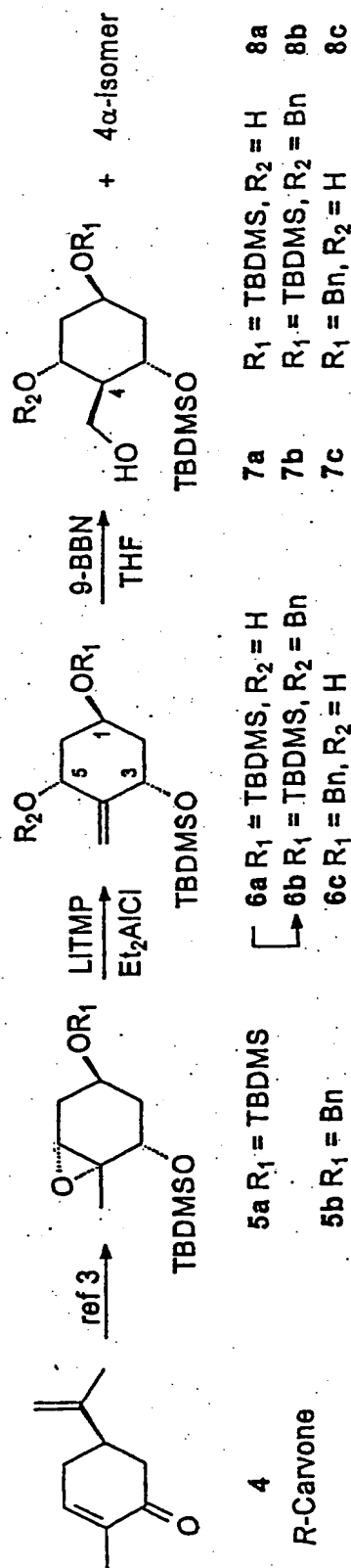


FIG. 7

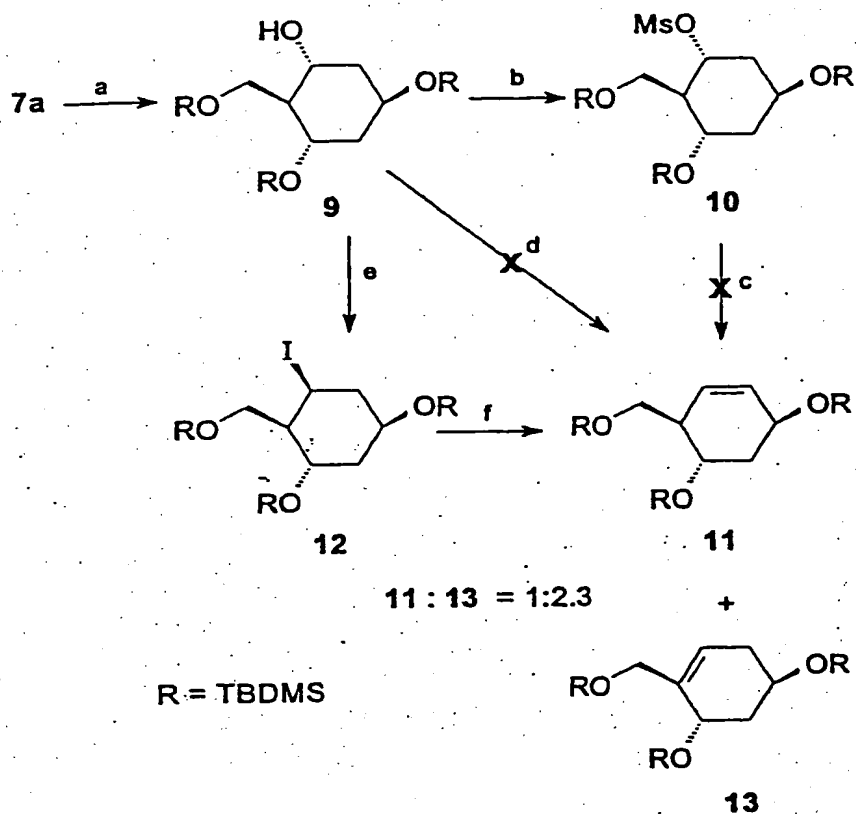


FIG. 8

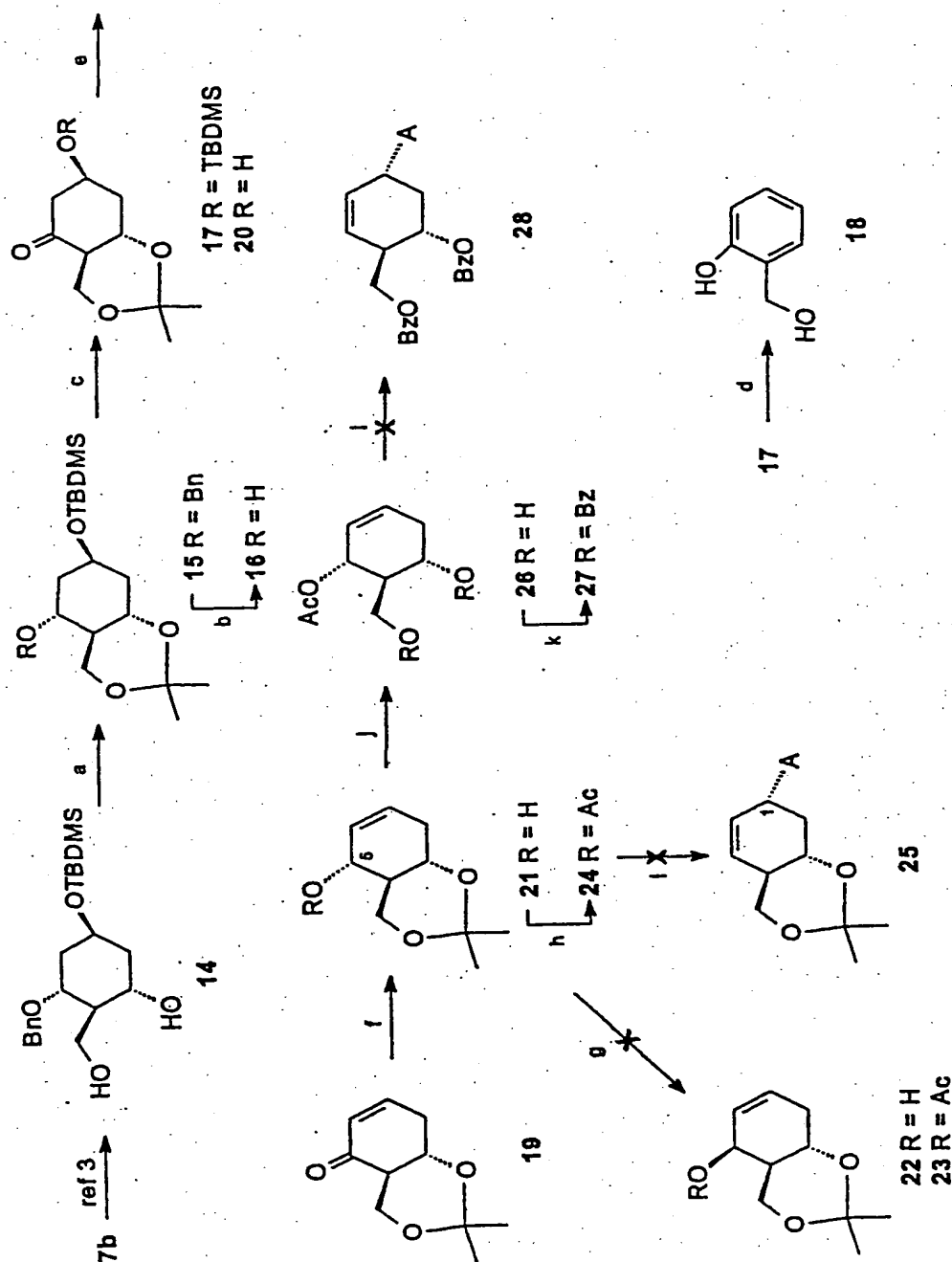


FIG. 9

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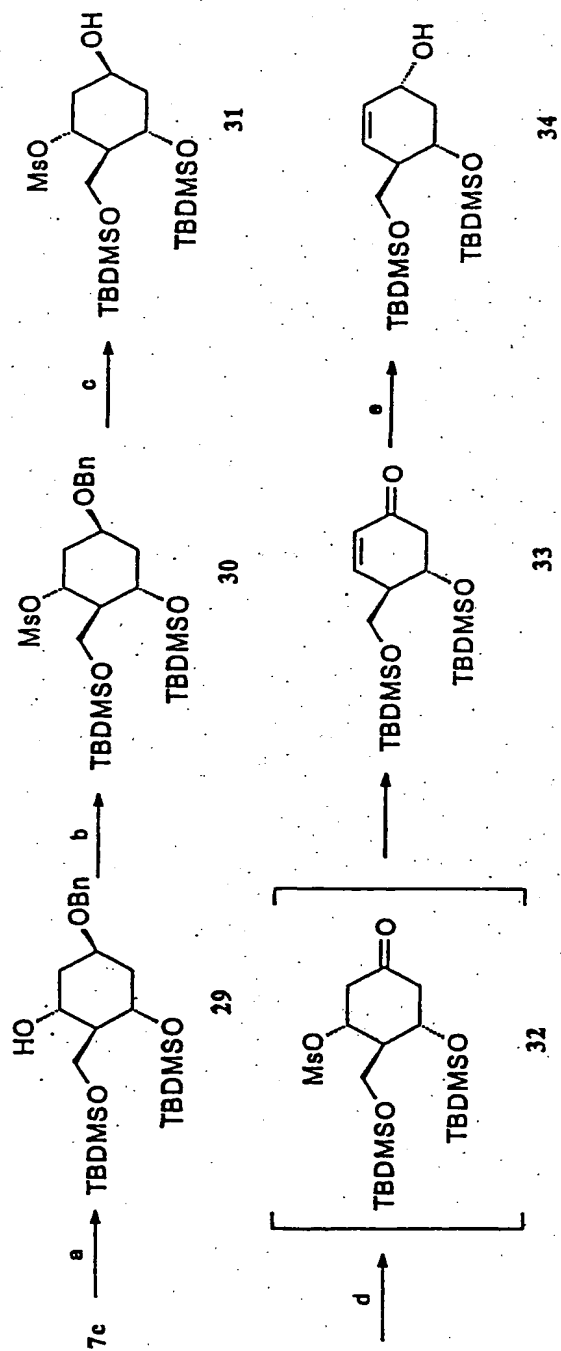


FIG. 10

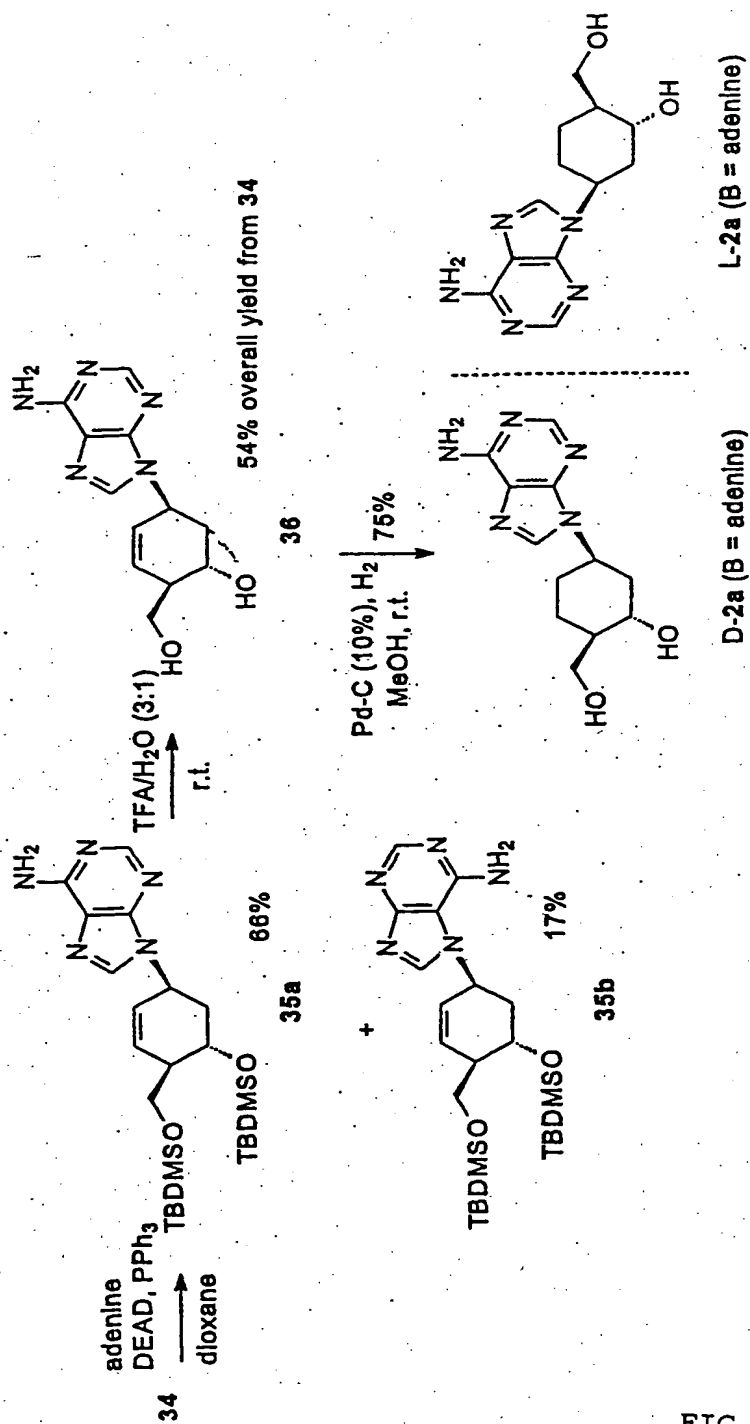


FIG. 11